

5 ATCCACCTGGCCAGTTGCGCCTTCCAGCGTCATATCGTCACGCTCGAAATAG
GCGCAGGTGTAGACCCAGGTGGGATCGAGGAACAACGCGAAGAAGTCATCCGA
AATGTCGTAAGCCGACTGTGACTCTCGTAATATGGTCTCAGCTTGGCCAT 3'

10 3. ORGANISM: *M.tuberculosis*
4. IMMEDIATE: Natural sequence
5. NAME / KEY: mmaA1
6. SEQUENCE ID # 1

INFORMATION FOR SEQUENCE ID No: 2

1. SEQUENCE CHARACTERISTICS:

15 1. LENGTH : 864 bp.
2. TYPE : DNA

5'CTACTTCGCCAGCGTGAACCTGGTTGACGTCGATGTAGCCGACCCGGAACAGCT
TGGCGCAGCCGGTCAGGTATTCATGTACCGCTCGTAGACCTCTCGGACTGGA
TCGCGATGCCCTCGCTTGTGTTCTGCAGCGCCTCGGCCACAGGTCGAGGGT
20 CCTGGCGTAATGCGGCTGCAGCGACTGGCGCGAGTCAGCGTAAACCCGTCTT
CGCCGACTGTTCCCTCAACCATTCAATCGTCGGAGGTTGGCCCCCGGGAAAGAT
TTCGGTCGCGATGAACCTGAGAAAGCGGGCCAGCCACAACGTGAGCGGCAAGC
CGTGGTCGACCATCTGCTGCCCTGGTCAGGCCGGTATCGTGTGCAGCAGCAACA
CGCCATCGGGCGGCAGGATTGTGGGCCCGGGCGAAGAAGTCGGCGTGACGA
25 TCGTGGCCGAAGTGCTCGAACCGCGCCATCGACACGATGCGGTCGACGGCTCG
TTGAAC TGCTCCCATCCCGCCAGCAACACTCGCCTGTCGCGCGGGGTGTCCATCT
CGTCGAACGACTTCTGCACATGGGCGGCCTGGTTCTCGACAATGTCAAGGCCGA
CGACGTTGACGTCATACTGCGCGATCGCGCGCCGCATGGTGGCGCCCCAGCCGC
AACCGATATCGAGCAGCGTCATGCCGGCTGCAGACCTAGCTGCCAGCGCCA
30 GGTCGATCTGGCGATCTGGCCTTCCAGCGTCATGTCCTCGCGTTCGAAATG
CGCGCAGCTGTAGGTCTGGGCGGATCCAGGAACAGCCGGAAGAAGTCGTCGG